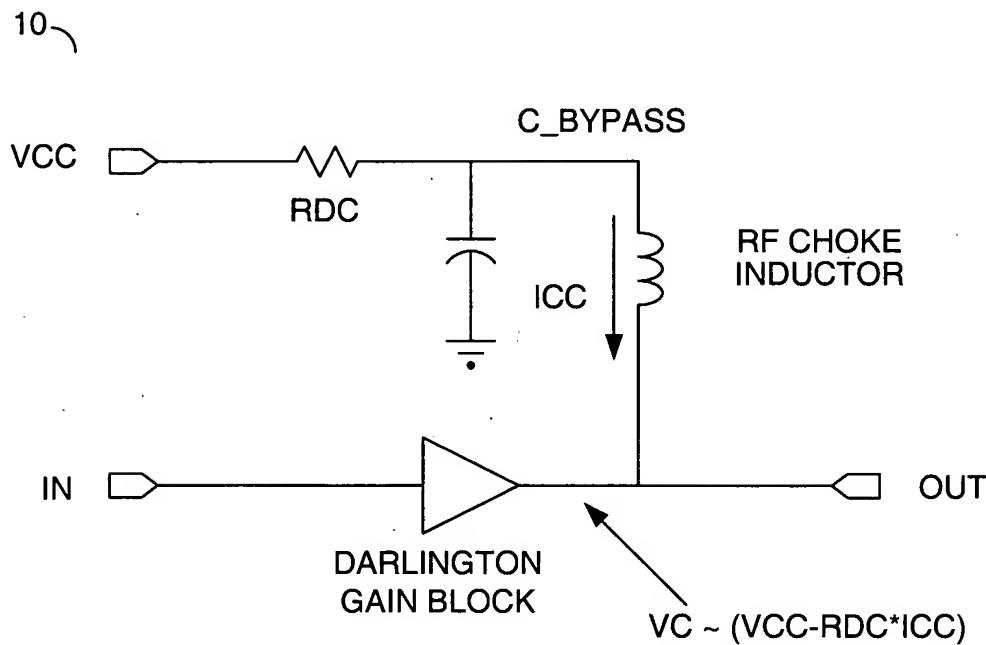


REPLACEMENT SHEET

10/623,070
2817

(CONVENTIONAL)

FIG. 1

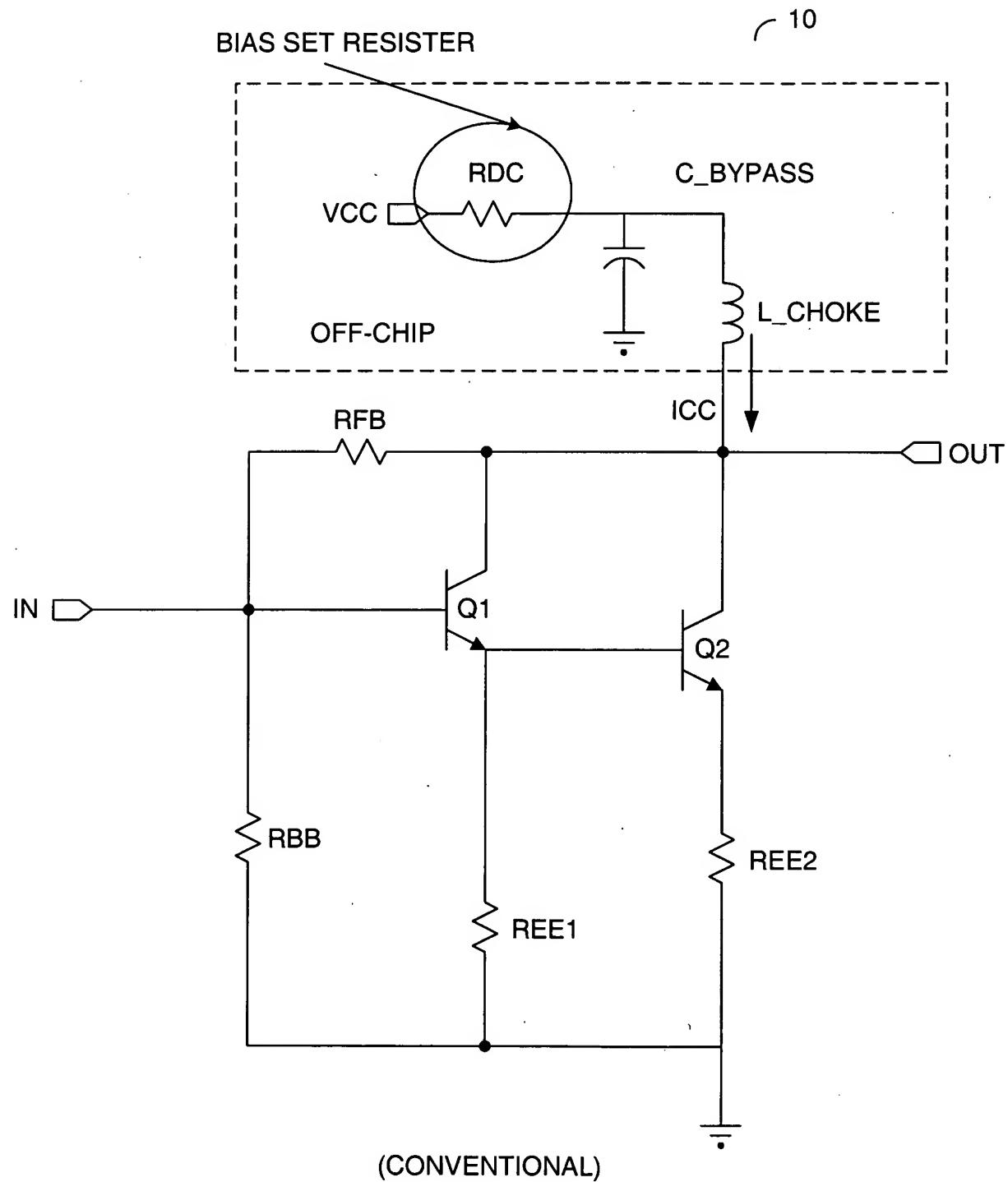
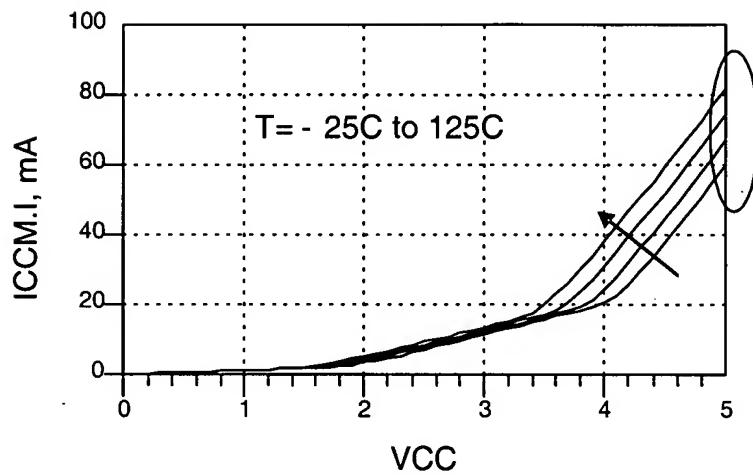


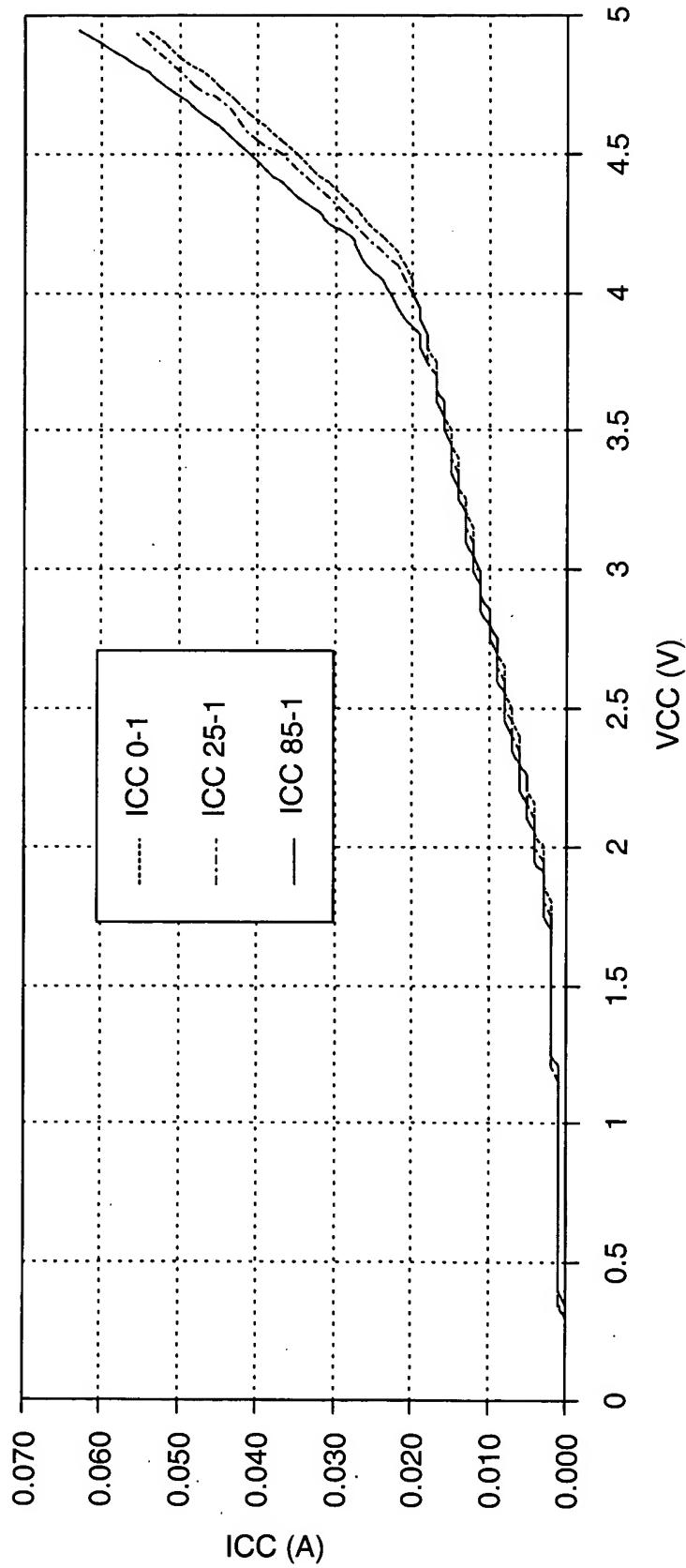
FIG. 2



20 mA VARIATION OR +/- 14%

(CONVENTIONAL)

FIG. 3

ICC VS VCC
G69 (T=0, 25, 85C)

~8 mA VARIATION OVER TEMP
(13% VARIATION, T=0 - 85C)
~40 mA/V VCC SENSITIVITY

(CONVENTIONAL)
FIG. 4

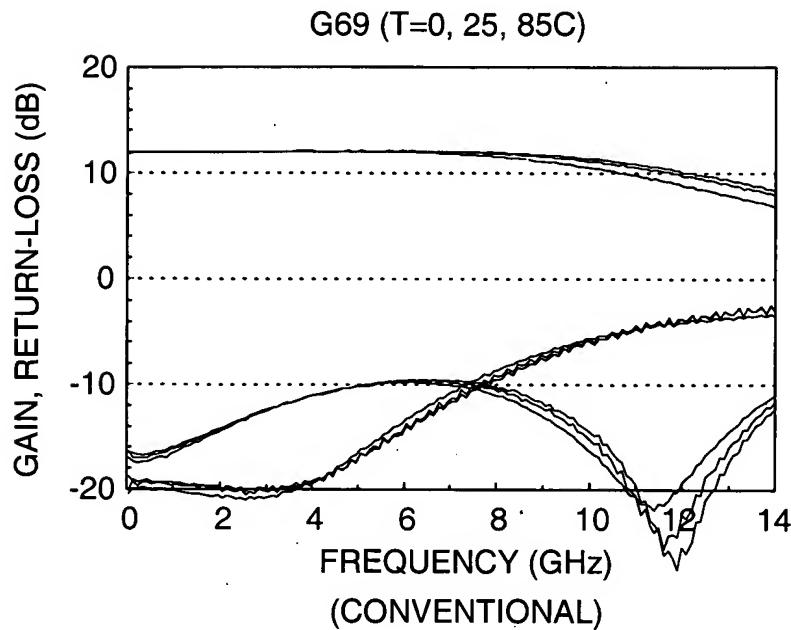


FIG. 5

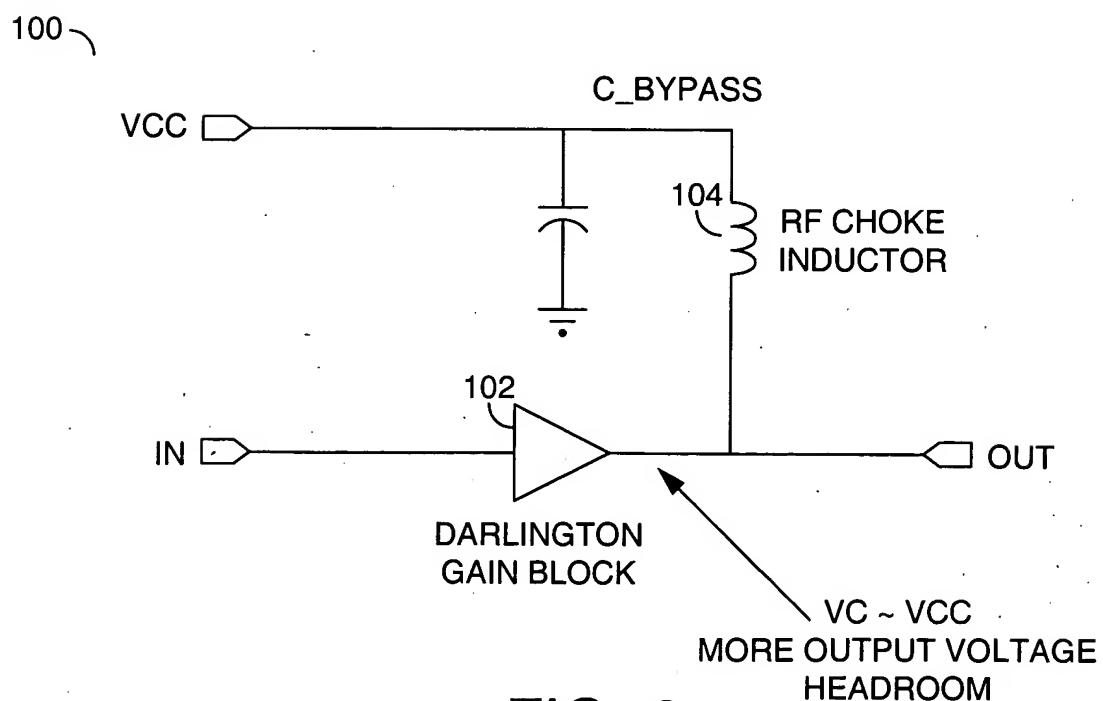


FIG. 6

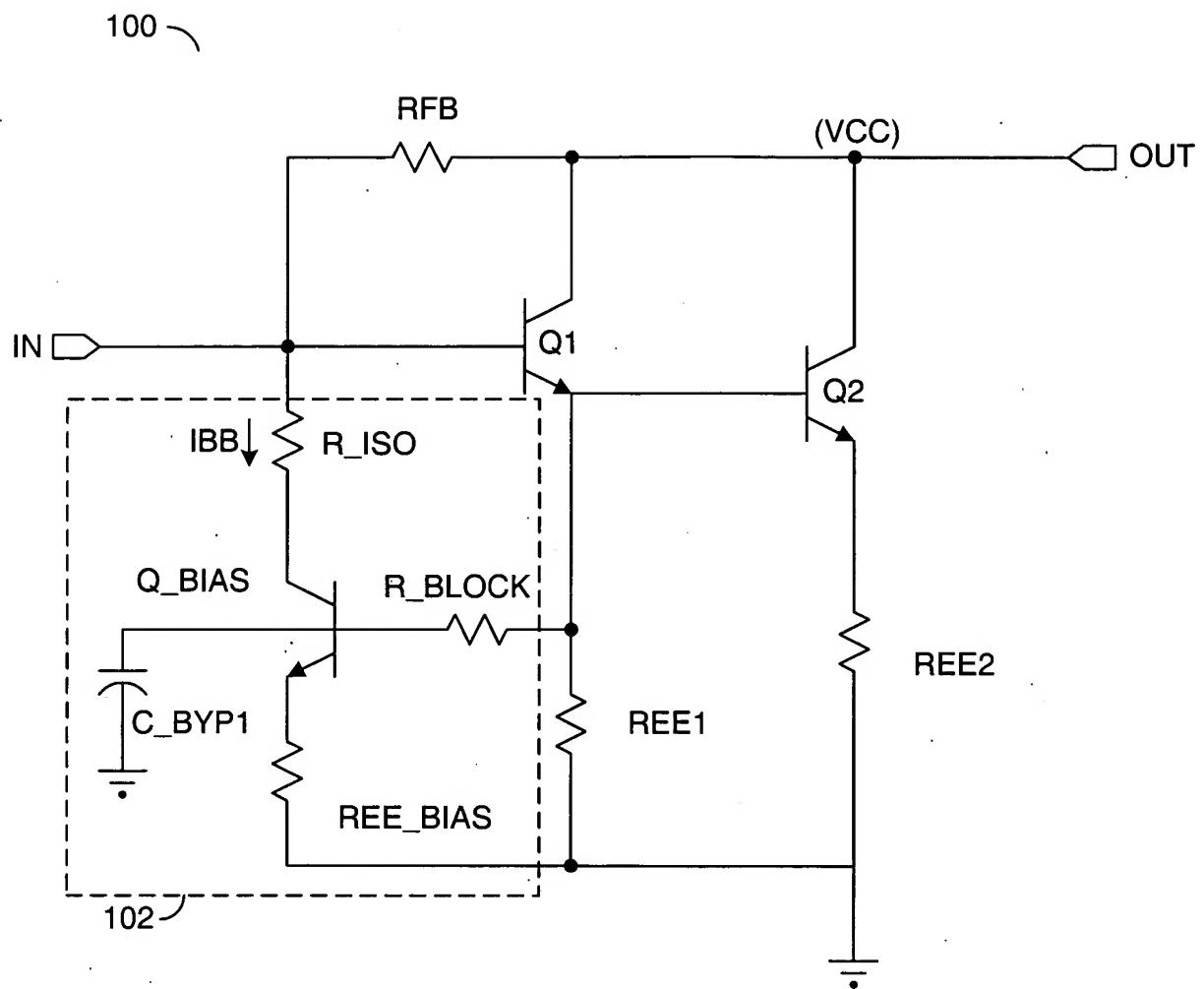


FIG. 7

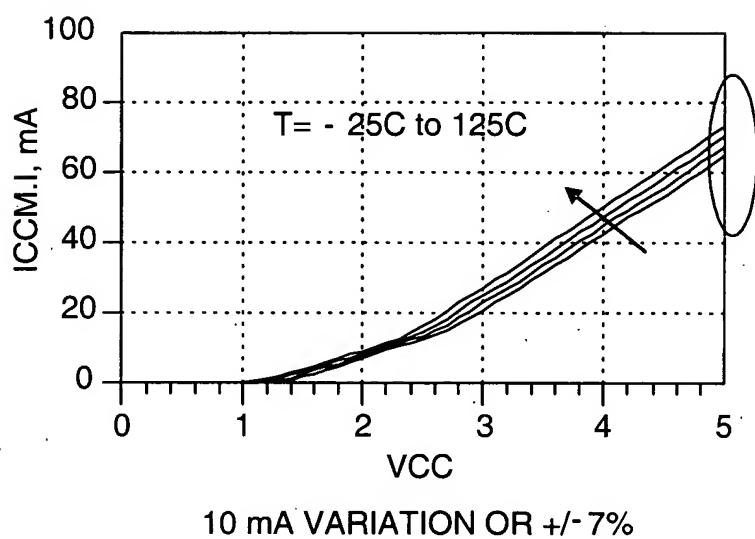


FIG. 8

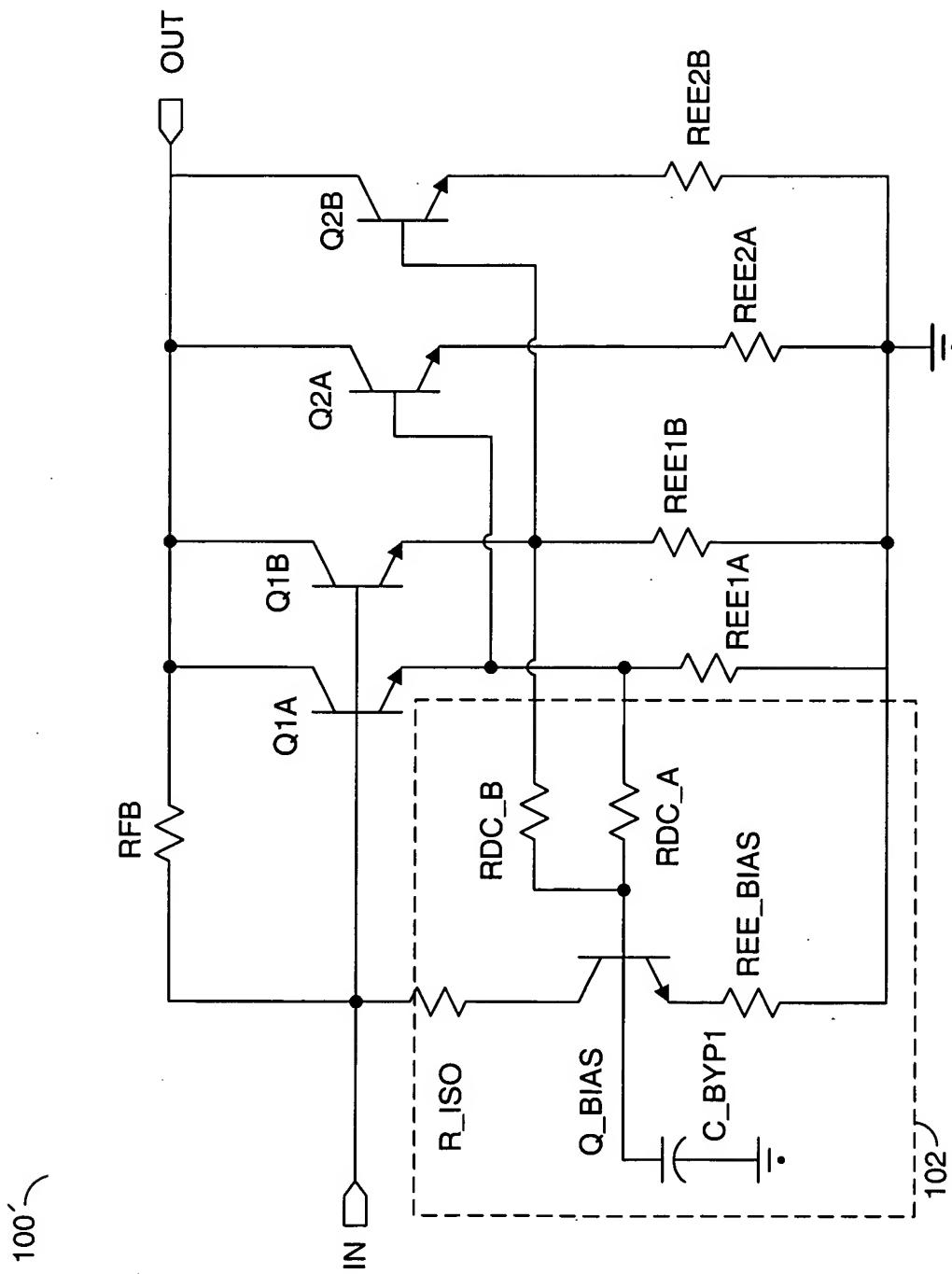


FIG. 9

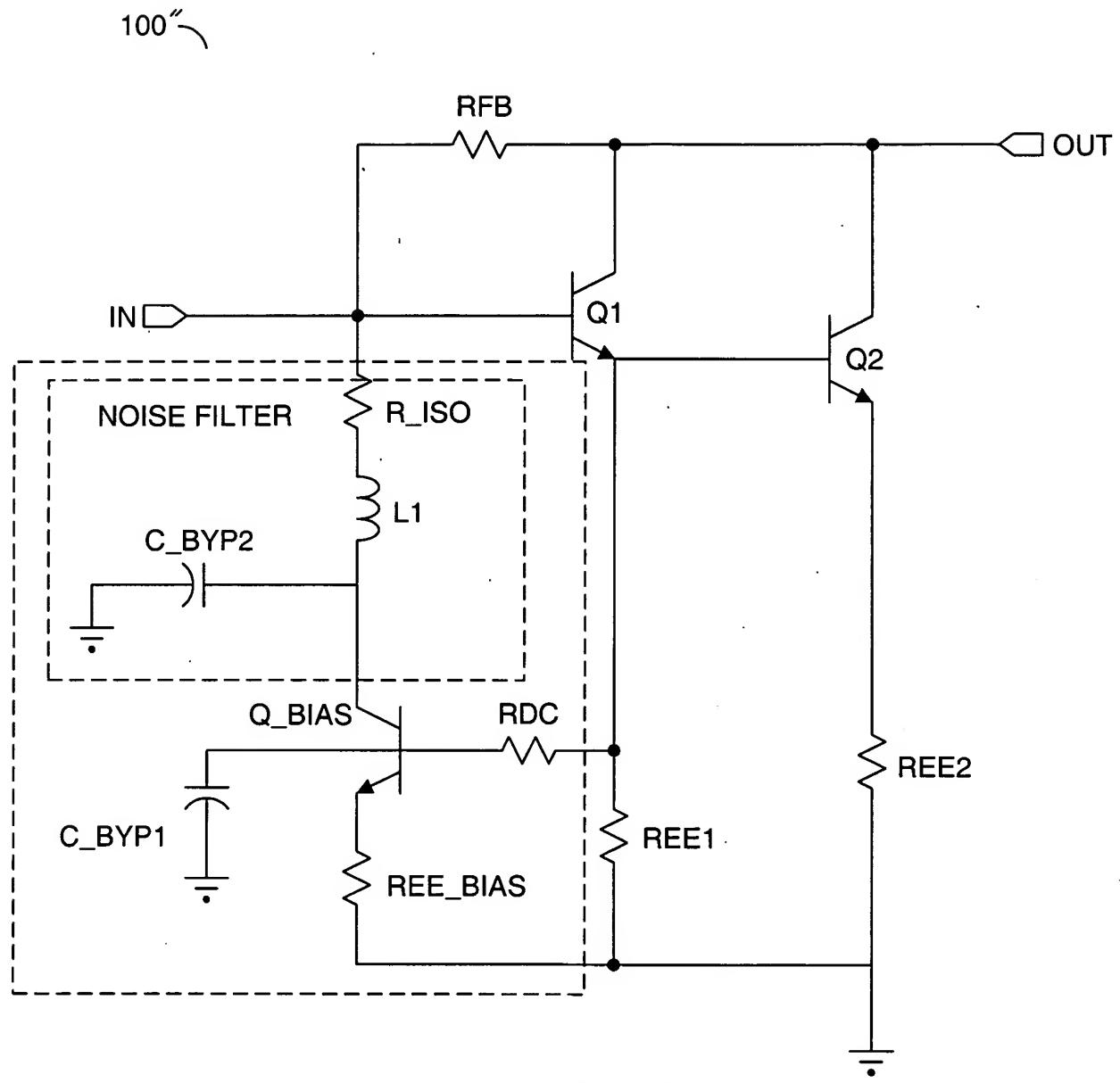


FIG. 10

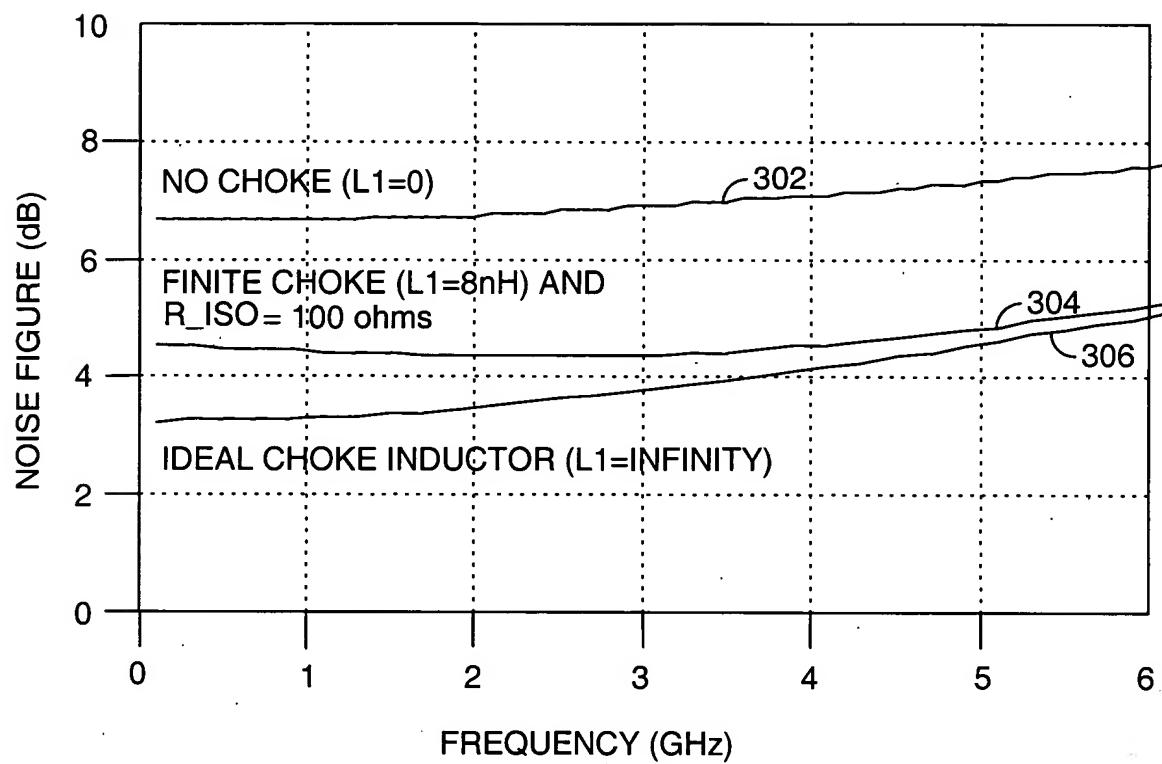


FIG. 11

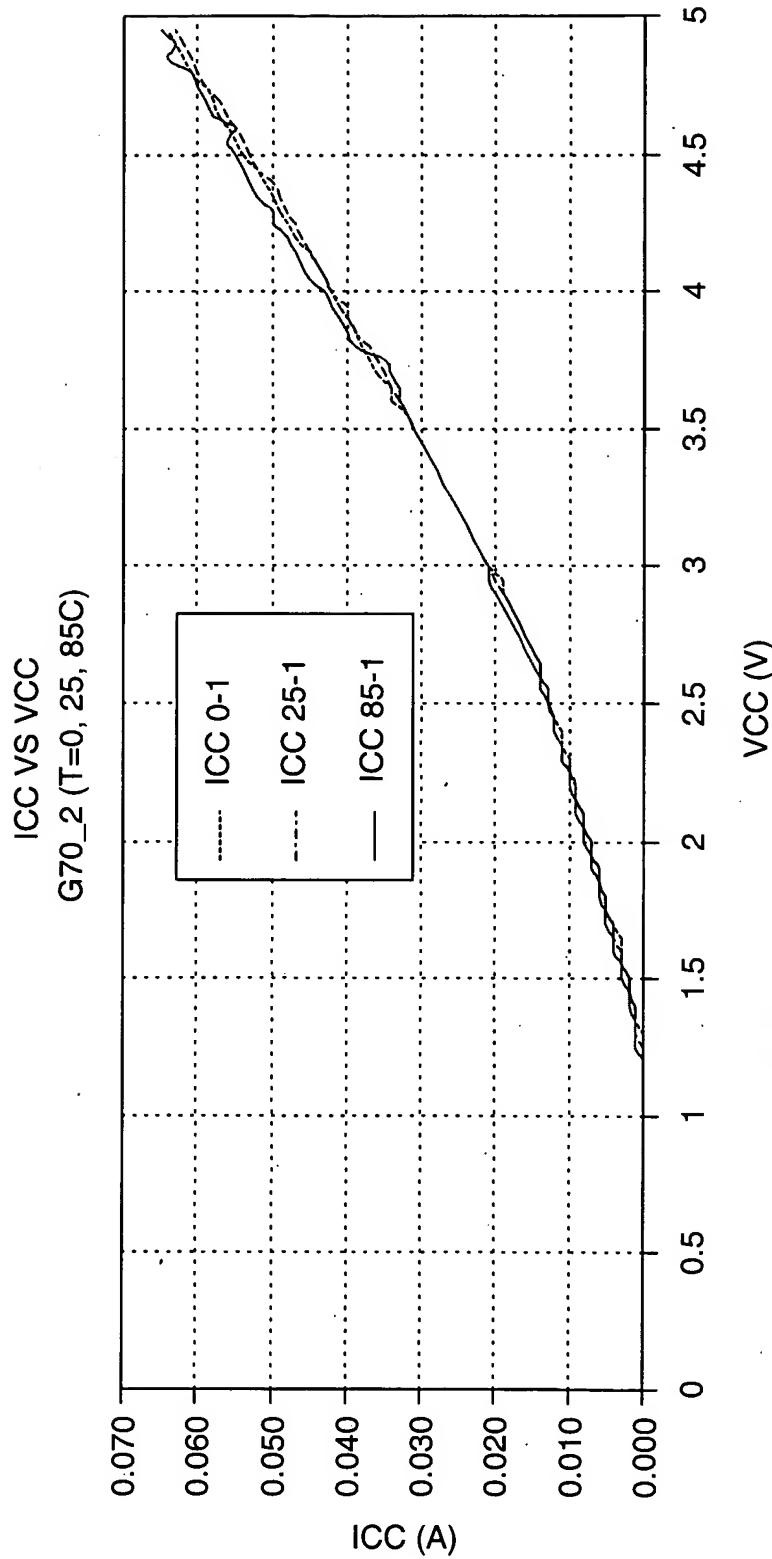


FIG. 12

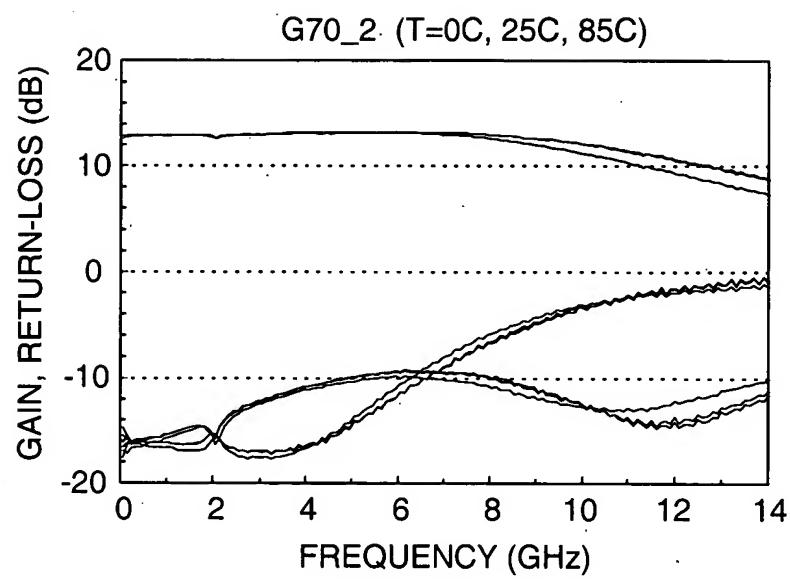
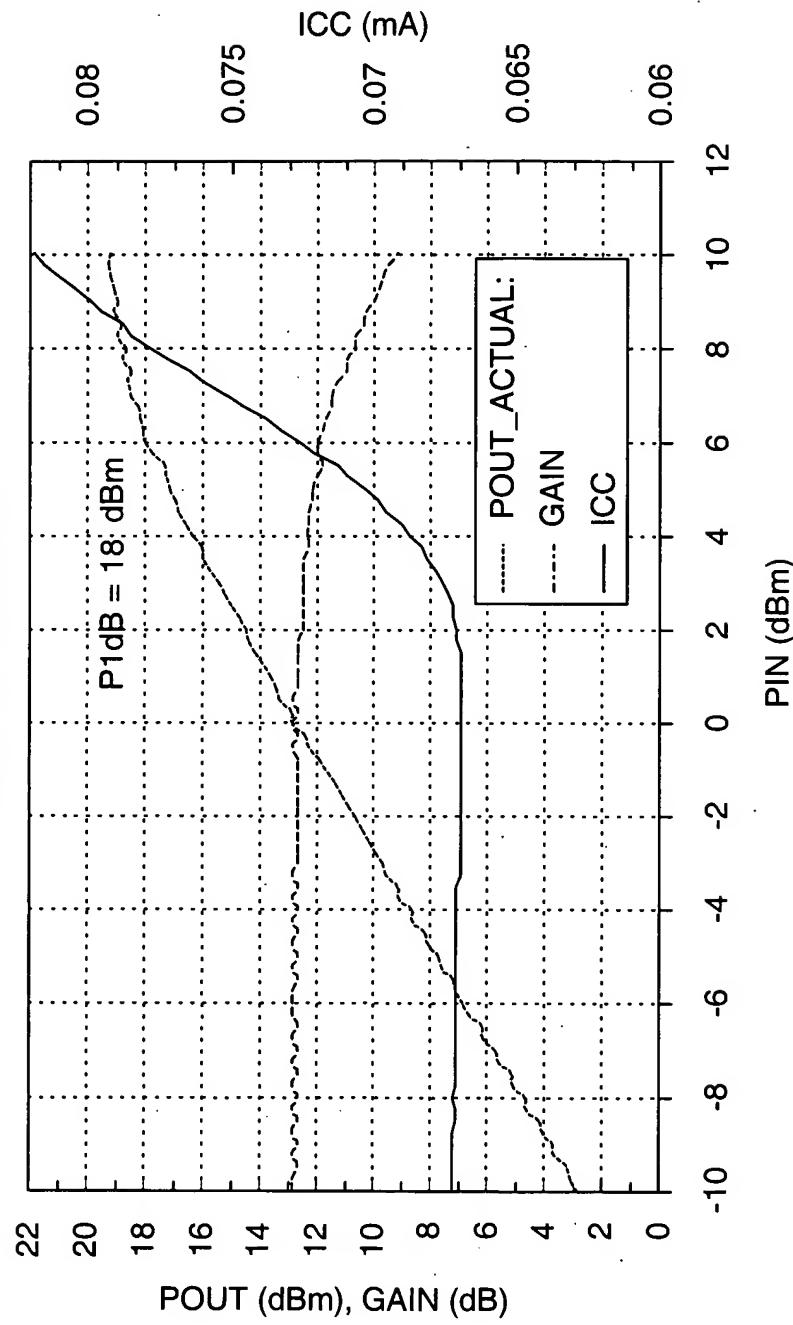


FIG. 13

SELF-BIAS AMP (G70_2) P1dB @ 2 GHz
TEMP = 25C

G70 @ 2GHz, 25C
PIN VS POUT, GAIN, PAE



SELF-BIAS ALLOWS ICC TO INCREASE WITH PIN →
TOPOLOGY CAN BE DESIGNED FOR CLASS B, AB BIAS

FIG. 14